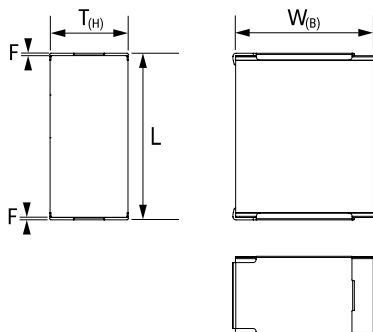


**KEMET Part Number: SMP253MA4250MTR24**  
(P101AA252M250V)

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SMP253/P101, Film, Metallized Paper, Safety, 2500 pF, 20%, 250 VAC, 250 VDC, 100°C, 5045, 6.5mm



Note: '()' correspond to the letters used in the product bulletin

General Information	
Series:	SMP253/P101
Dielectric:	Metallized Paper
Style:	SMD Chip
RoHS:	Yes
Termination:	Tin
Safety Class:	Y2
Qualifications:	ENEC, cULus
AEC-Q200:	No
THB Performance:	No
Component Weight:	1.6 g

Dimensions	
Chip Size	5045
L	12.7mm +/-0.2mm
W	11.5mm +/-0.2mm
T	6.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	600

Specifications	
Capacitance:	2500 pF
Capacitance Tolerance:	20%
Voltage AC:	250 VAC
Voltage DC:	250 VDC
Temperature Range:	-40/+100°C
Rated Temperature:	100°C
Dissipation Factor:	1.3% 1kHz
Insulation Resistance:	12 GOhms
Max dV/dt:	2000 V/us

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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